3/2-1/2015 infor-

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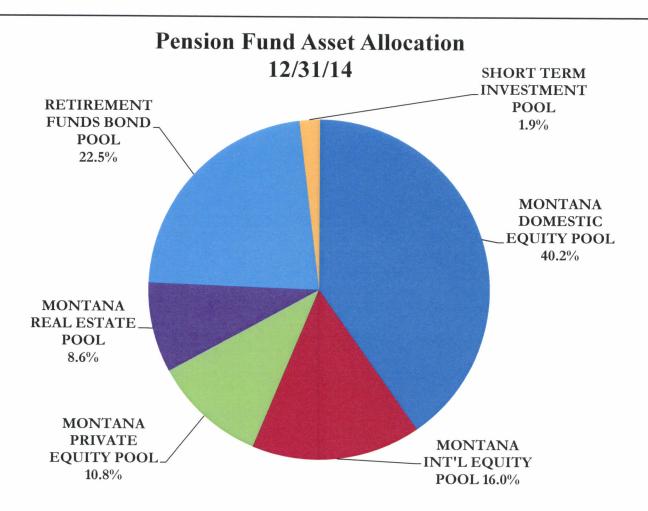
Montana Board of Investments Pension Fund Investments

To: House and Senate State Administration Committees Joint Meeting

By: Cliff Sheets, CFA, Chief Investment Officer

Date: March 27, 2015

Asset Allocation Mix



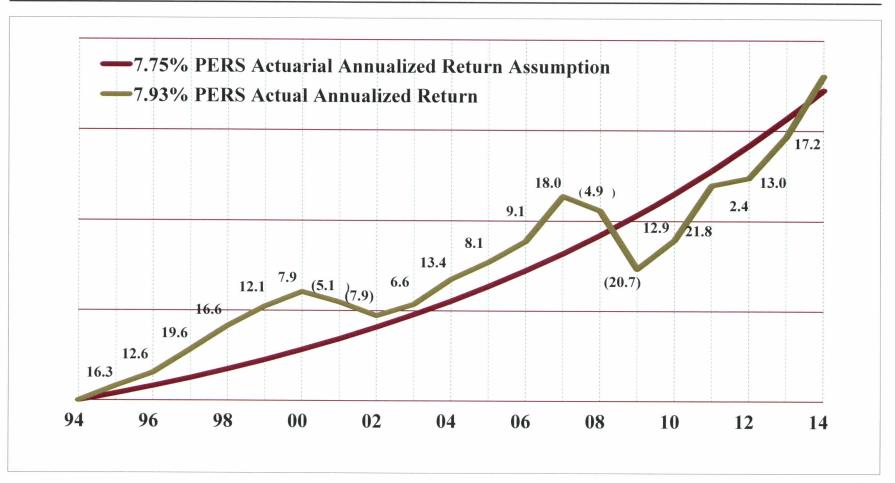
Asset Allocation Ranges

	Pension Fund				
	Asset Allocations			3	
	,	Total Equitie	s Range 59	Range 58 -72%	
		Total Equite	C3 Range 36 = 72 70		
Domestic Equity Pool				Real Estate Pool	
Investment Type Large Cap Core (passive) Large Cap Enhanced Partial Long/Short (130/30) Total Large Cap Mid Cap Small Cap	Range 45% - 70% 8% - 12% 8% - 12% 72% - 91% 6% - 17% 3% - 11%	28% - 44%	6% - 10%	Investment Type Core/Timberland * Value Added Opportunistic * Timberland may not excoof total pension assets	Range 35% - 65% 20% - 45% 10% - 30% reed 2%
International Equity Pool				Private Equity Pool	
Investment Type	Range			Investment Type	Range
Large Cap Passive	42% - 66%	14% - 22%	9% - 15%	Buyouts	50% - 80%
Large Cap Active	22% - 32%			Venture Capital	10% - 25%
Small Cap	8% - 16%			Debt Related	0% - 25%
Dedicated Emerging Markets	0% - 5%				
Retirement Funds Bond Pool				Short Term Investment Pool	
Investment Type	Range			Short-term liquid investme	ents
Domestic High Yield	0% - 15%	22% - 30%	1% - 5%	High-quality Investments	
International	0% - 10%			24 Hour Liquidity for Participants	
Total High Yield/International	0% - 20%				5
Domestic Core(investment grade)	80% - 100%				

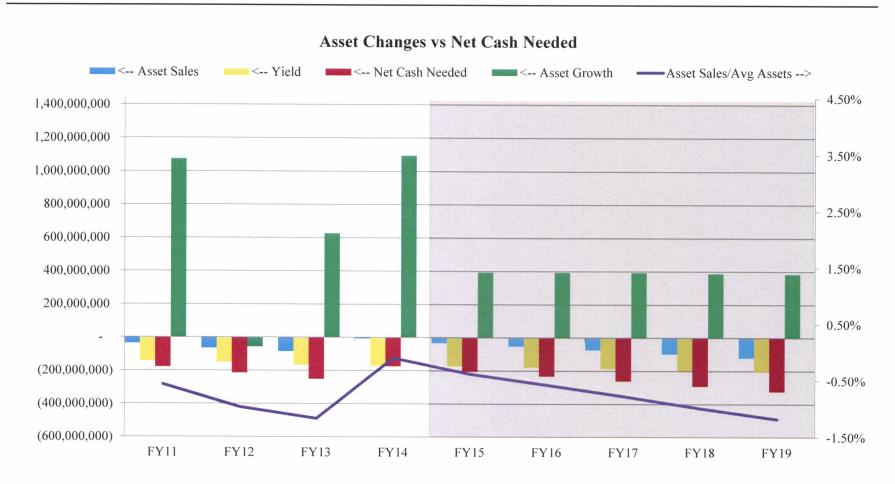
- Board approves asset classes and allocation ranges
- Asset allocation drives performance

Actual Investment Return Versus Actuarial Assumption

(Through FY14)



Historical/Projected Change in Assets vs. Net Cash Needed



Pension Performance Vs. Peers

Montana Board of Investments

Public Funds (DB) \$3B to \$20B & >30% Equity (SSE) PERIOD ENDING December 31, 2014 Total Returns



